

**To:** Caporale, Cynthia[Caporale.Cynthia@epa.gov]; Kelly, Jack (R3 Phila.)[Kelly.Jack@epa.gov]; Burns, Francis[Burns.Fran@epa.gov]  
**From:** Werner, Lora  
**Sent:** Wed 2/12/2014 10:58:48 PM  
**Subject:** Fw: OSHA Freedom WV analytical results  
[Freedom Industries.docx](#)  
[Bulk tank with PPh.pdf](#)

Here you go, OSHA said I could share with you all! They are interested in your results as well, when/if you can return the favor.

Thanks, Lora

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**From:** Popovic, Tanja (CDC/ONDIEH/NCEH) <txp1@cdc.gov>  
**Sent:** Tuesday, February 11, 2014 4:56:01 PM  
**To:** Werner, Lora; Qualters, Judy (CDC/ONDIEH/NCEH)  
**Cc:** Stephens, James W. (CDC/ONDIEH/NCEH); Kapil, Vikas (CDC/ONDIEH/NCEH); Chaney, Sascha (ATSDR/OA/OD)  
**Subject:** FW: WV analytical results

As promised, sharing.

Tanja

**From:** Edens, Mandy - OSHA [mailto:Edens.Mandy@dol.gov]  
**Sent:** Monday, February 10, 2014 5:22 PM  
**To:** Popovic, Tanja (CDC/ONDIEH/NCEH); Bucher, John (NIH/NIEHS) [E]  
**Subject:** FW: WV analytical results

Drs. Popovic and Bucher –

OSHA did some additional analysis on the West Virginia water samples. Thought you might be interested in seeing them. WE may have more later that we can share with you.

Mandy

**From:** Lillquist, Dean - OSHA  
**Sent:** Wednesday, February 05, 2014 11:09 AM  
**To:** Edens, Mandy - OSHA  
**Cc:** Jillings, Lee Anne - OSHA  
**Subject:** RE: WV analytical results

We talked to the CSHO and one bulk was from the leaking tank.

I've modified the one page report to reflect updated sampling information and PPh results. I've also attached the new lab results.

FYI – when we talked with CSHO, he requested quantitative analysis of the bulk samples. We'll start working on those.

dean

*Dean R. Lillquist*

*801-233-4901*

**From:** Edens, Mandy - OSHA  
**Sent:** Tuesday, February 04, 2014 5:26 PM  
**To:** Lillquist, Dean - OSHA  
**Cc:** Jillings, Lee Anne - OSHA  
**Subject:** Re: WV analytical results

Also, was he able to reach out to the CSHO and ask if the tank they took it from was the leaking one?

Sent from my iPad

On Feb 4, 2014, at 3:44 PM, "Lillquist, Dean - OSHA" <[Lillquist.Dean@dol.gov](mailto:Lillquist.Dean@dol.gov)> wrote:

Yogi Shah tracked down the spectra for Propylene glycol phenyl ether (PPh) and went back to our original GC/MS data. He was able to identify the presence of PPh in the bulk samples. Qualitative reporting – trace amounts. We updated the lab results to reflect the additional work and results.

*Dean R. Lillquist, PhD, CIH*

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